

Photoelectric

Ionization

Combination

CO Detector

for hallway see narrative below

Bedroom

or

Bedroom

Kitchen

Basement

HOUSES BUILT BEFORE 1975

\*Detectors are required on each habitable level.

\*Detectors shall be located **on the ceiling** at the base of each stairway, including basement.

\*The detector on the bedroom level shall be centrally located on the ceiling to cover each bedroom.

\*Must be photoelectric. Can be in combination with ionization or carbon monoxide detectors.

Combination Detectors MUST BE Voice Annunciated.

\*Must contain a hush feature to silence nuisance alarms.

\*New battery-powered alarms must have 10-yr, sealed, non-rechargeable, non-replaceable batteries.

\*Battery-powered detectors that are more than 10 yrs old, or have expired must be replaced.

\*In 2-family dwellings, smoke alarms are required in all common areas shared by residents.

SMOKE DETECTORS MAY BE BATTERY OPERATED, hardwired or a combination of both.

EVERY HABITAL LEVEL MUST BE EQUIPED WITH CARBON MONOXIDE DETECTORS. Carbon Monoxide Detectors may be battery operated, plug-in with Battery backup, hardwired with battery backup or a system. Carbon Monoxide Detectors shall not be further than 10 ft. from any bedroom entrance. Combination CO Detectors may be used: **WITHIN 20 ft** of a Kitchen or a Bath with a tub or shower shall be (a photoelectric smoke detector with carbon monoxide detector); **OUTSIDE of 20 ft** shall be (an ionization smoke with a carbon monoxide detector )

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HOUSES BUILT AFTER 1975 TO 1997

\*Detectors are required on each habitable level.

\*At least one detector shall be located at the base of each stairway.

\*The detector on the bedroom level shall be centrally located on the ceiling to cover each bedroom.

\*There shall be a detector every 1200 sf of living spc per level.

SMOKE DETECTOR MUST BE HARDWIRED, INTERCONNECTED

EVERY HABITAL LEVEL MUST BE EQUIPED WITH CARBON MONOXIDE DETECTORS. Carbon Monoxide Detectors may be battery operated, plug-in with battery backup, hardwired with battery backup or a system. Carbon Monoxide Detectors shall not be further than 10 ft. from any bedroom entrance. Combination CO Detectors may be used (Photoelectric smoke and carbon monoxide det) **anywhere**. Ionization with Carbon Monoxide detectors may be used outside of 20 ft from a Kitchen or Bath.

Combination Detectors MUST BE Voice Annunciated.

Photoelectric

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CO Detector

Bedroom

Bedroom

Kitchen

Basement

HOUSES BUILT AFTER 1997 (6th ed.)

\*Detectors are required on each habitable level.

\*At least one detector shall be located at the base of each stairwayl.

\*The detector on the bedroom level shall be centrally located on the ceiling to cover each bedroom.

There shall be a detector located in each bedroom. There shall be a detector every 1200 sf. Of living spc. per level.

If the smoke detector is within 20 feet of a Kitchen or a Bath with a tub or shower, the smoke detector is required to be a **Photoelectric Detector**.

SMOKE DETECTORS SHALL BE HARDWIRED INTERCONNECTED W/BATTERY BACKUP.

EVERY HABITAL LEVEL MUST BE EQUIPED WITH CARBON MONOXIDE DETECTORS. Carbon Monoxide Detectors may be battery operated, plug-in with battery backup, hardwired with battery backup or a system. Carbon Monoxide Detectors shall not be further than 10 ft. from any bedroom entrance. Combination CO Detectors may be used (Photoelectric smoke and carbon monoxide det) **anywhere**. Ionization with Carbon Monoxide detectors may be used outside of 20 ft from a Kitchen or Bath.

Combination Detectors MUST BE Voice Annunciated.

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CO Detector

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Bedroom

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HOUSES BUILT AFTER 2008 (7th ed.)

\*Detectors are required on each habitable level.

\*At least one detector shall be located at the base of each stairway.

\*The detector on the bedroom level shall be centrally located on the ceiling to cover each bedroom.

There shall be a detector located in each bedroom. There shall be a detector every 1200 sf. of living spc.

\*For each level: **if WITHIN 20 ft of Kitchen or or a Bath with a shower or tub, the smoke detector shall be *Photoelectric*.**

\*For each level: **if the detector is OUTSIDE of 20 ft. of a Kitchen or a Bath with a shower or tub, the smoke detector shall be a a photoelectric detector or a dual detector (containing both ionization and photoelectric technology).**

SMOKE DETECTORS MUST BE HARDWIRED, INTERCONNECTED W/BATTERY BACKUP.

EVERY HABITAL LEVEL MUST BE EQUIPED WITH CARBON MONOXIDE DETECTORS. Carbon Monoxide Detectors shall not be further than 10 ft. from any bedroom entrance. Combination CO Detectors may be used (a photoelectric smoke detector and a carbon monoxide detector). Carbon Monoxide Detectors shall be hardwired interconnected with battery backup. (May be wired separately from the existing smoke detection system)

Heat Detectors are required in any garage attached or under a residence. Heat detectors must be hard-wired/interconnect to existing smoke detector system.

Combination Detectors MUST BE Voice Annunciated.

Photoelectric

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CO Detector

THIS DOCUMENT IS TO SERVE AS A GUIDE ONLY.

There are many scenerios that would affect final installation of equipment. Unless you have a licensed professional doing the install- ation we recommend contacting the Fire Dept business office prior to purchasing costly equip. These guidelines are based on the Mass State Building Code. The installation of certain equip is based on the building code in place at the time the building permit was pulled. Additionally, you may have a residence that was built in 1995 but if there was a recent remodel or addition on the residence requiring a building permit, the date on the building permit for the remodel or addition could trigger the need to conform to a new set of requirements if the date on the permit fell under a new edition of the Building Code.

DETECTORS EXPIRE

Smoke and CO Detectors expire.

Smoke Detectors expire after 10 years (from the date of manufacture).

CO Detectors expire after 7 years (from date of manufacture).

It is the homeowners responsibility to check the date of the detectors and change them out if necessary prior to scheduling an inspection.

If there are no markings on the detector and you no longer have the box or paperwork indicating the type of and age of the detector, you will have to take the detector/s down for compliance verification by the inspector.

The date of manufacture should be on the back, if not the detector is most likely outdated.

If the word AMERICIUM is on the back, the detector is an ionization.

SMOKE DETECTOR CERTIFICATIONS ARE GOOD FOR ONLY 60 DAYS.

You can not replace a hardwired detector with a battery detector.

After you have a closing date contact the Fire Department to schedule an inspection right away. Do not wait until the last minute.

NEWER HOUSES BUILT UNDER THE 8TH EDITION

All Smoke Detectors shall be **Photoelectric**.

ALL CARBON MONOXIDE DETECTORS SHALL BE HARDWIRED, INTERCONNECTED.

Combination Detectors MUST BE Voice Annunciate

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